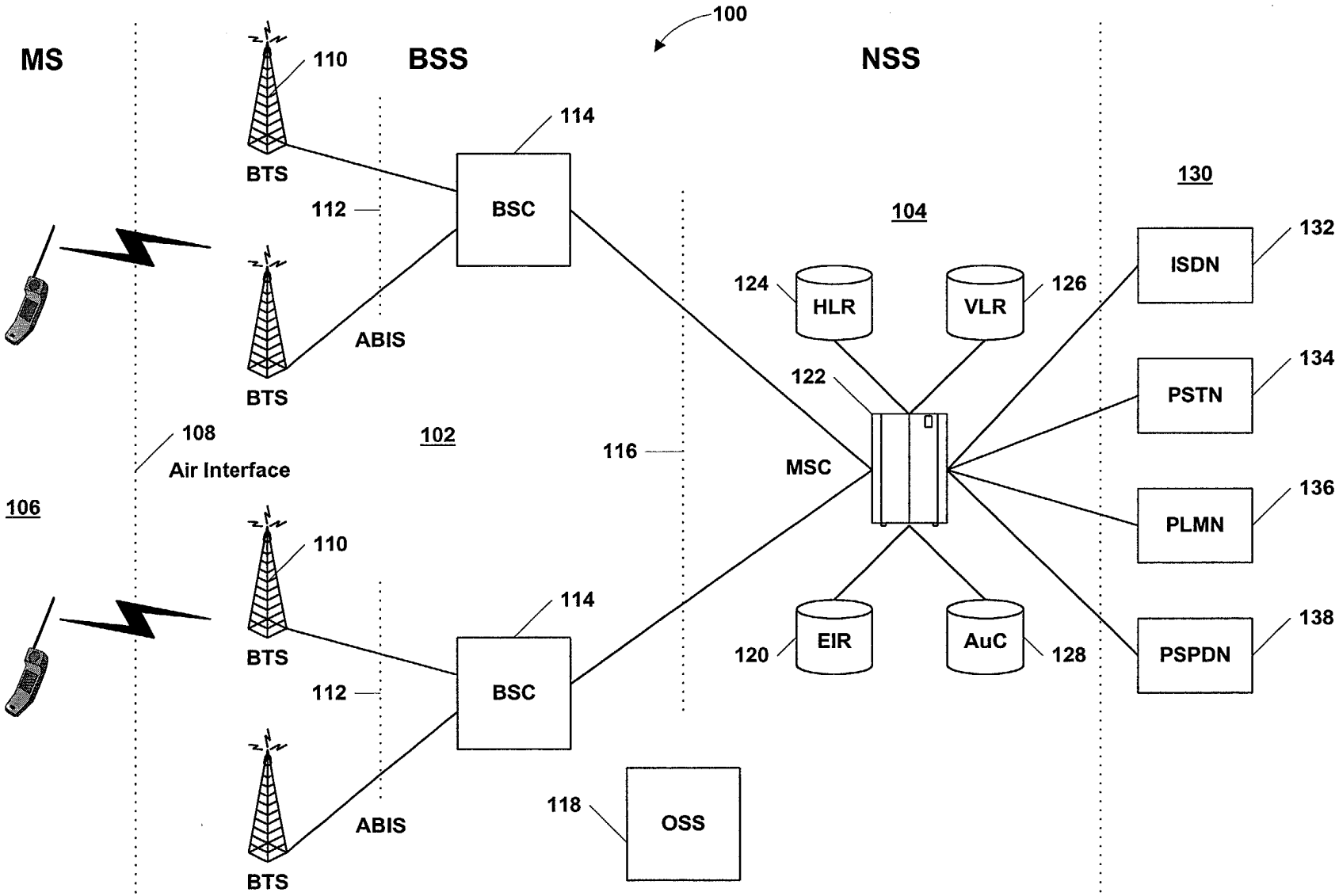

MS
BSS
NSS
100
110
BTS
114
BSC
112
ABIS
130
104
132
ISDN
124
HLR
VLR
126
122
134
PSTN
108
Air Interface
102
116
MSC
106
136
PLMN
120
EIR
AuC
128
138
PSPDN
118
OSS

FIG. 1

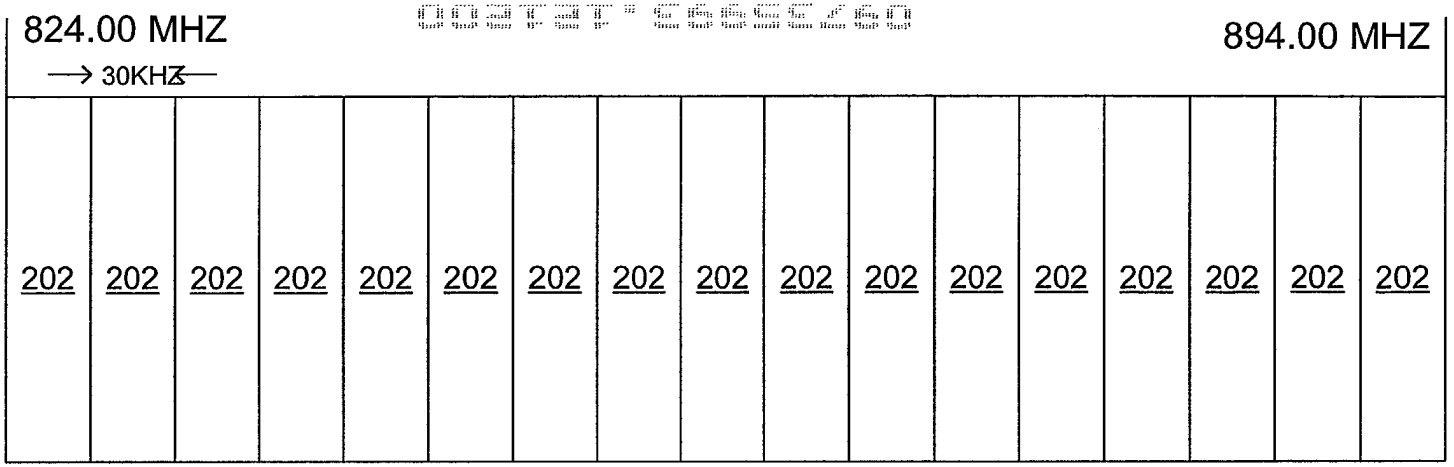


FIG. 2A
FDMA

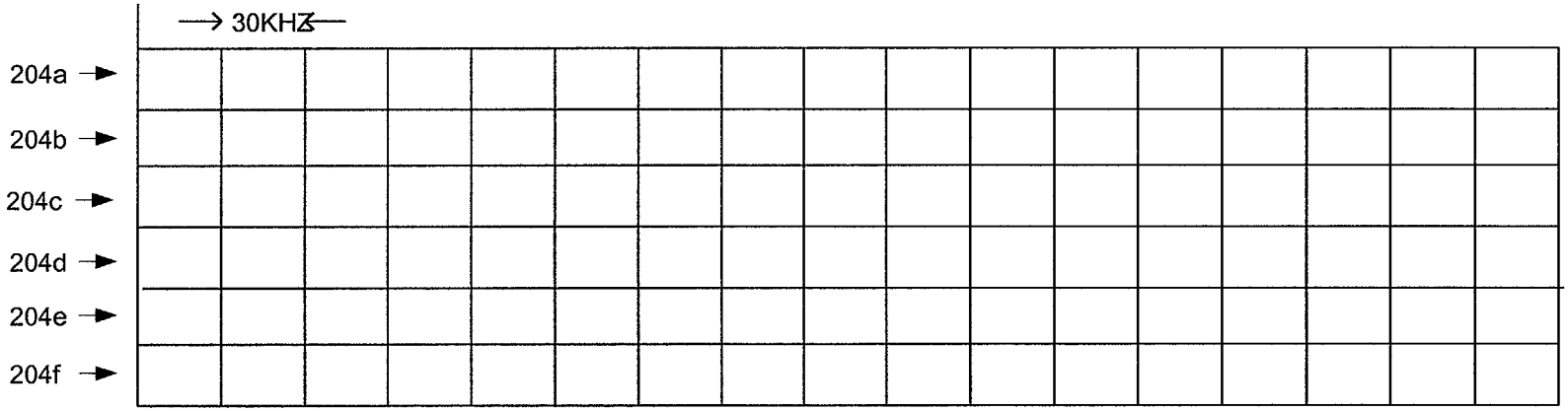


FIG. 2B
TDMA

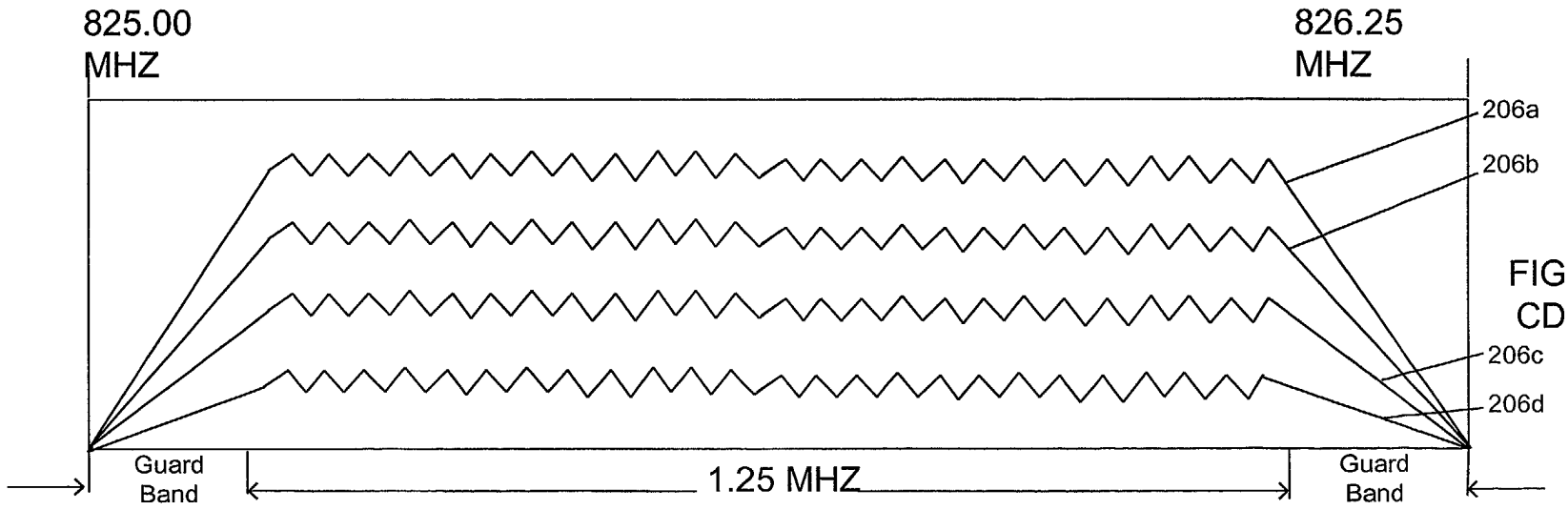


FIG. 2C
CDMA

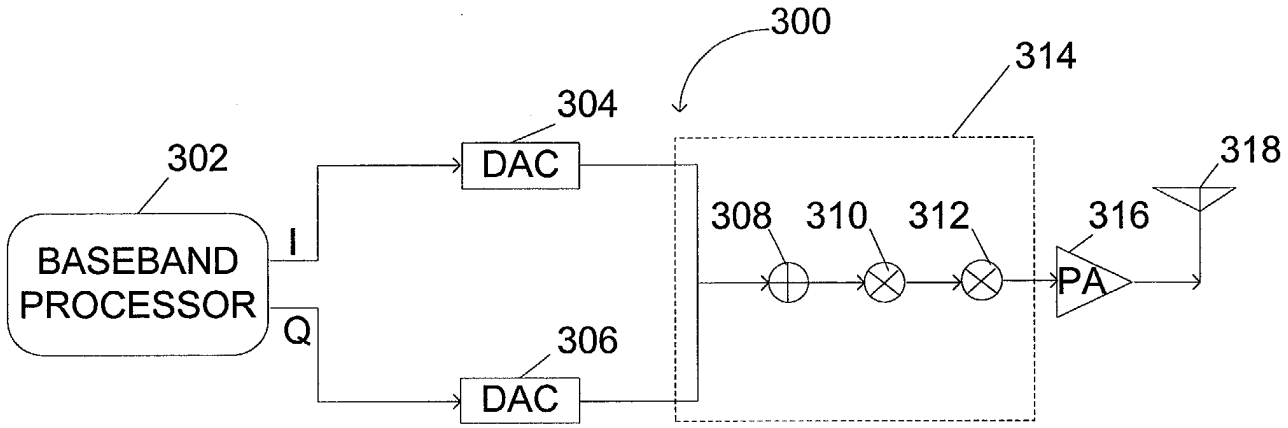

300
314
304
302
DAC
318
308
310
312
316
BASEBAND
PROCESSOR
I
PA
Q
306
DAC

FIG. 3A

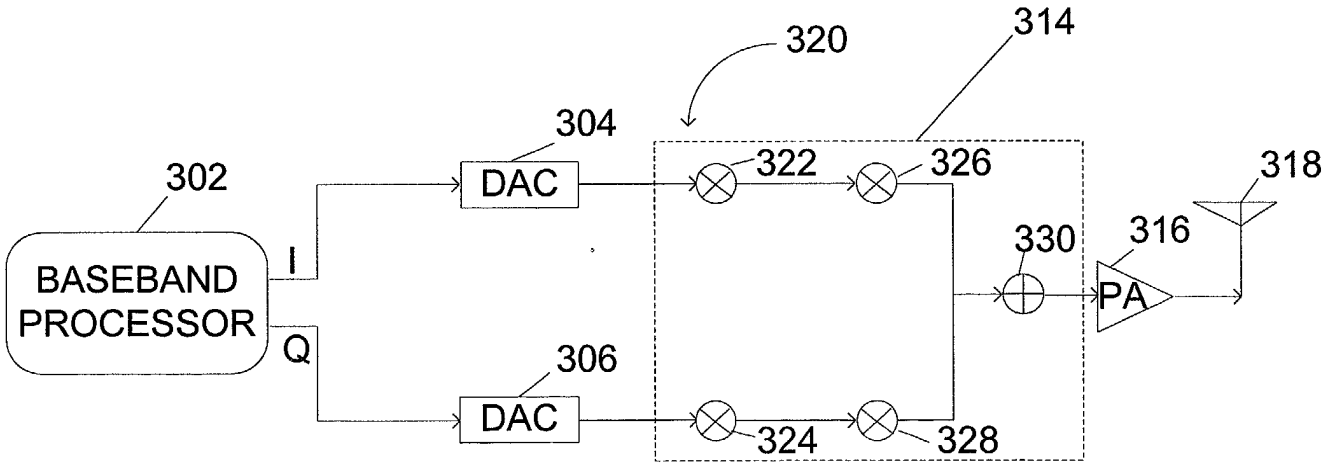

320
314
304
322
326
318
302
DAC
330
316
BASEBAND
PROCESSOR
I
PA
Q
306
DAC
324
328

FIG. 3B

Symbol State	I	Q	Symbol Bit Pattern	Phase State
1	1	1	00	45°
2	-1	1	10	135°
3	-1	-1	11	225°
4	1	-1	01	315°

FIG. 4

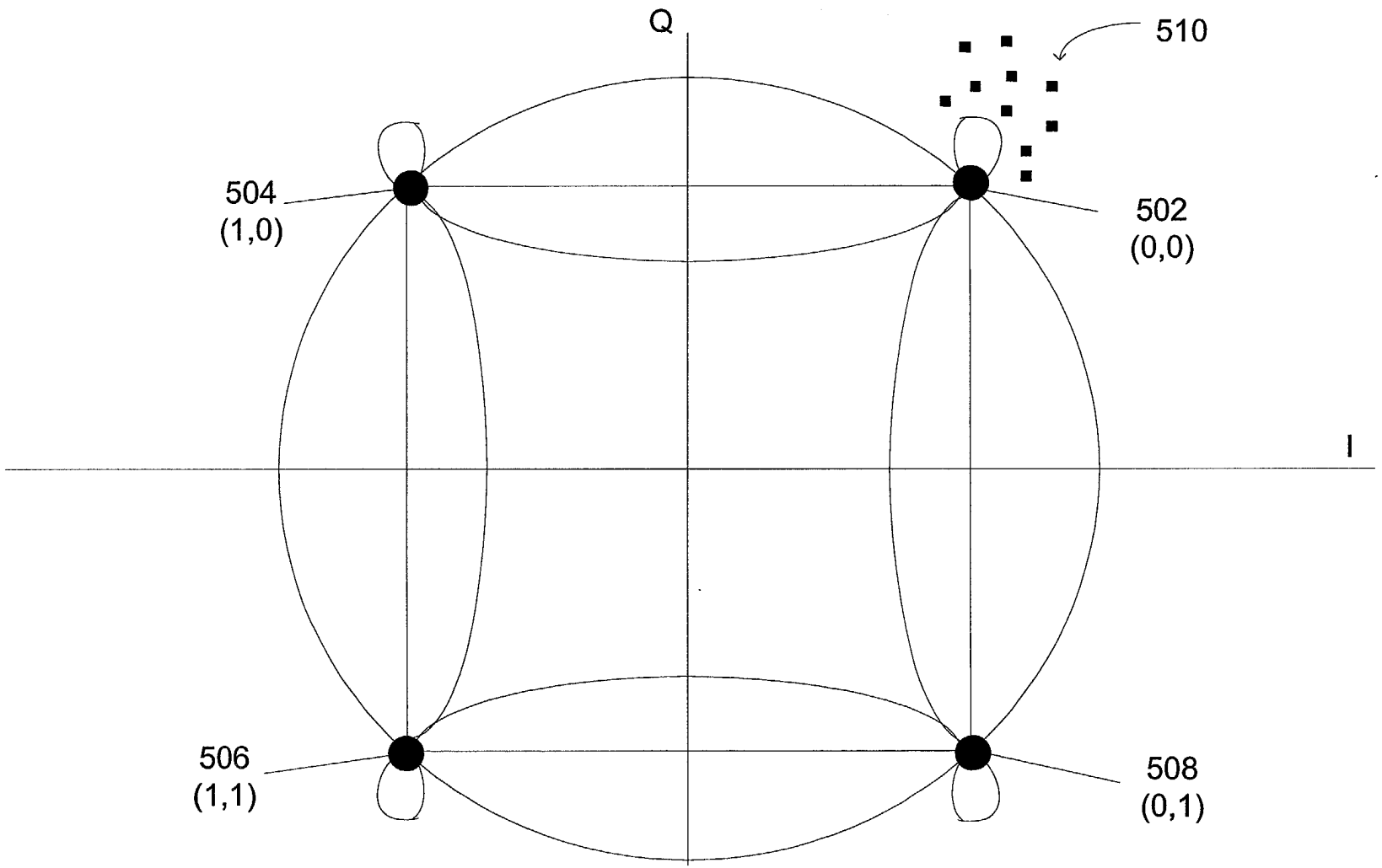


FIG. 5

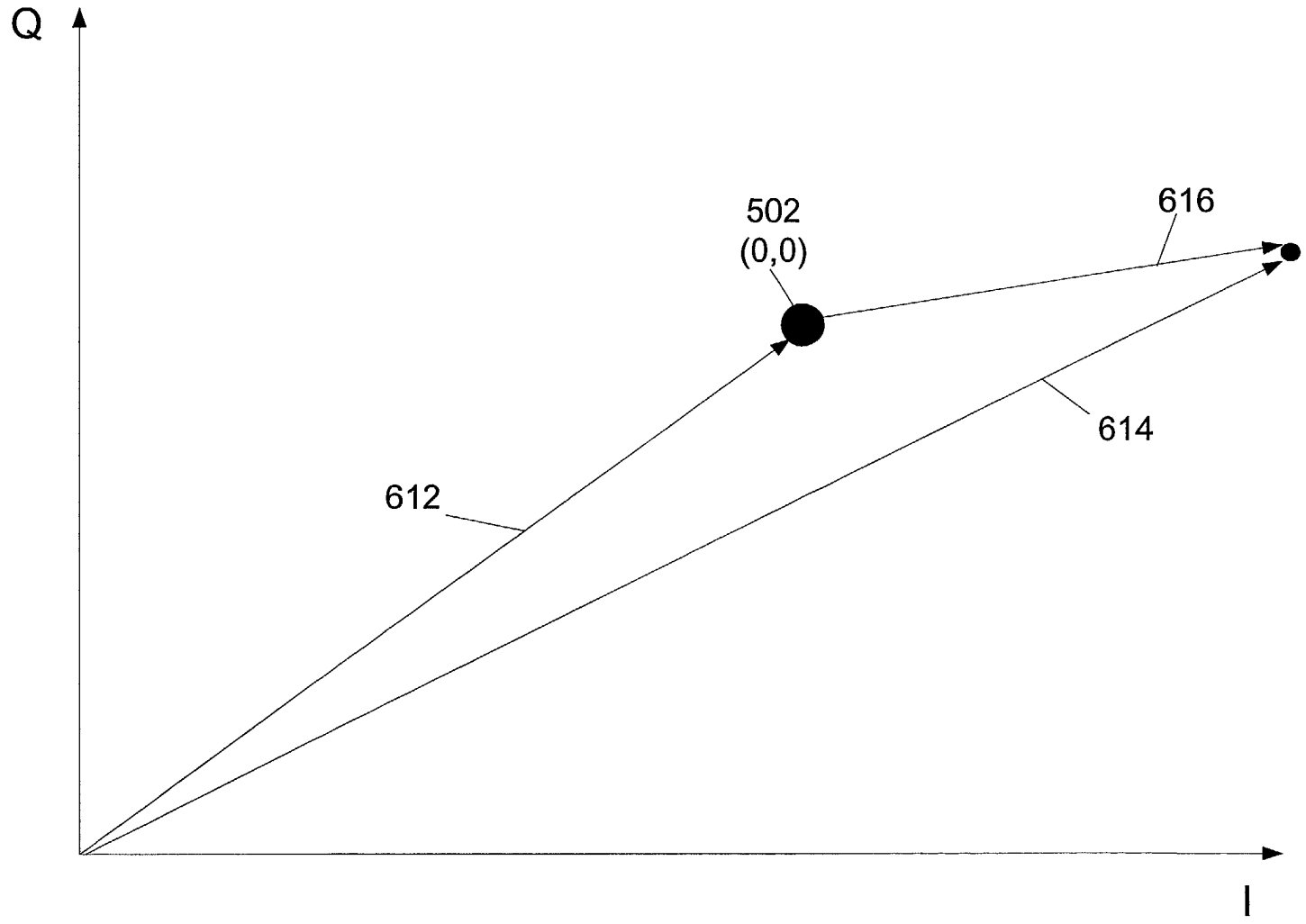


FIG. 6

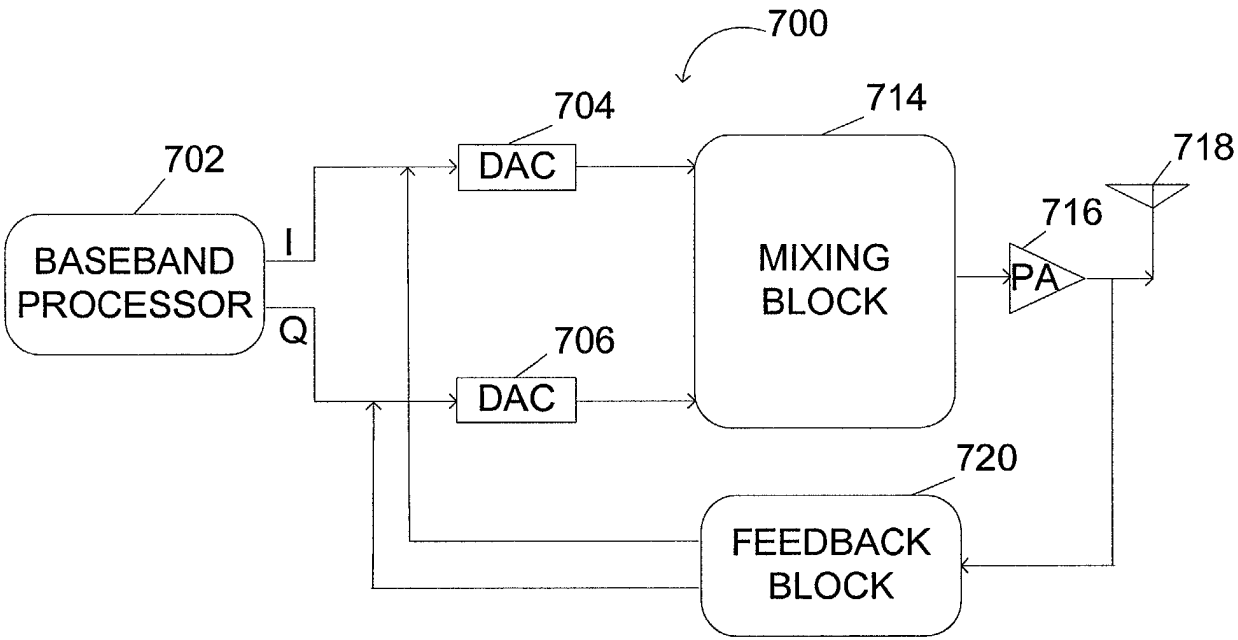

700
704
714
718
702
DAC
716
BASEBAND
PROCESSOR
I
MIXING
BLOCK
PA
Q
706
DAC
720
FEEDBACK
BLOCK

FIG. 7

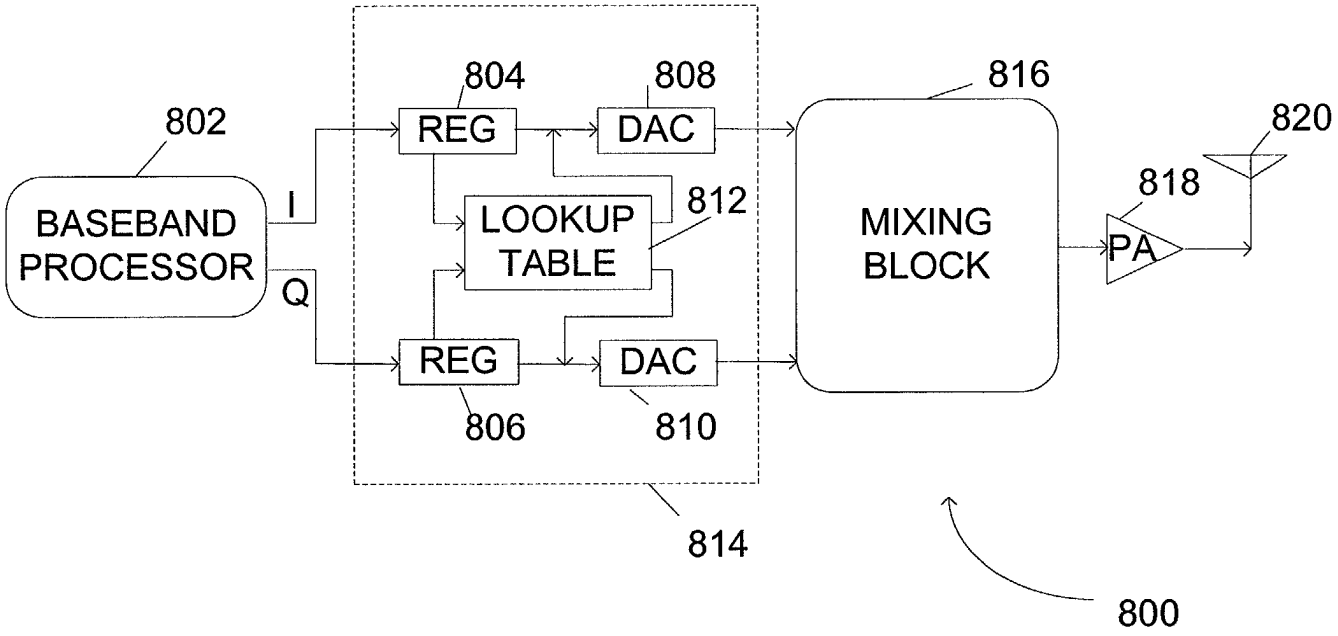


FIG. 8

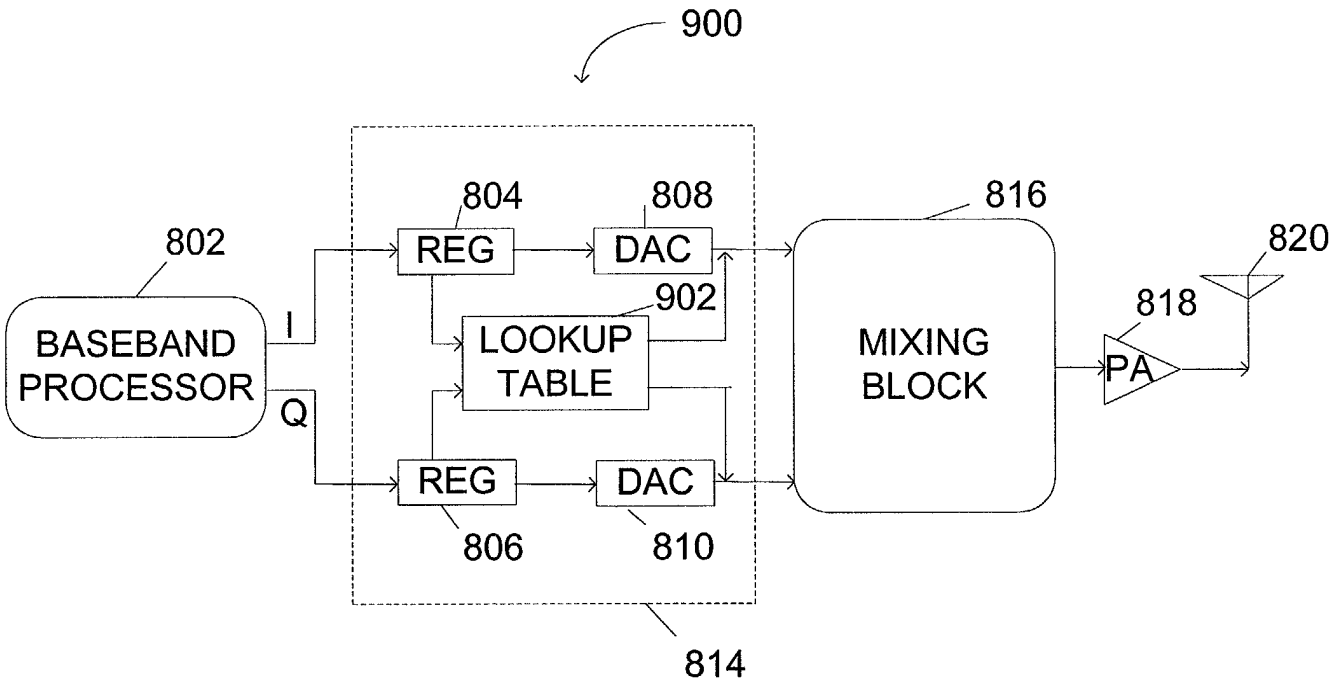

900
802
BASEBAND PROCESSOR
I
Q
804
808
REG
DAC
902
LOOKUP TABLE
REG
DAC
806
810
814
816
MIXING BLOCK
818
PA
820

FIG. 9

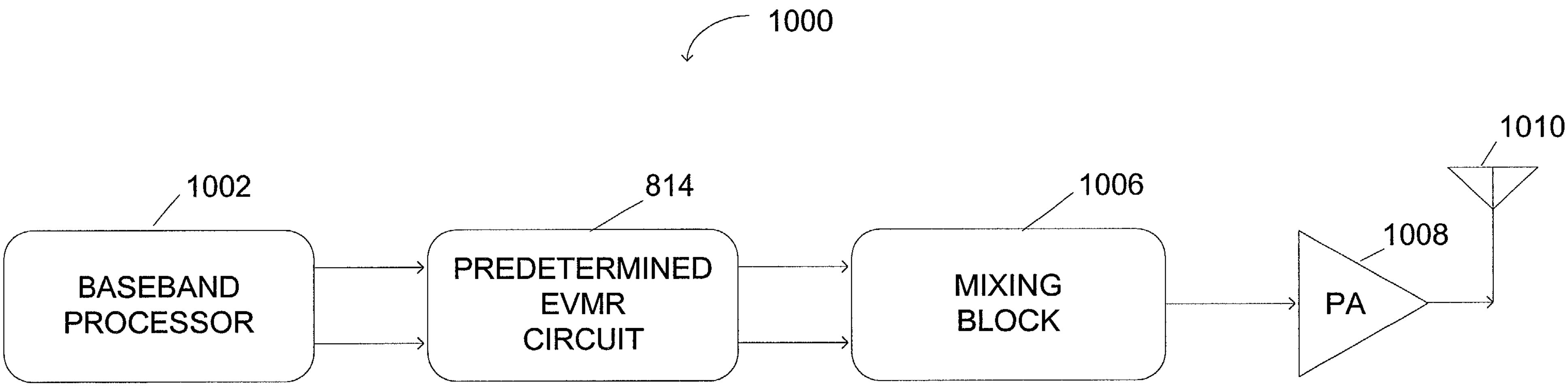

1000
1002
BASEBAND PROCESSOR
814
PREDETERMINED EVMR CIRCUIT
1006
MIXING BLOCK
1008
PA
1010

FIG. 10

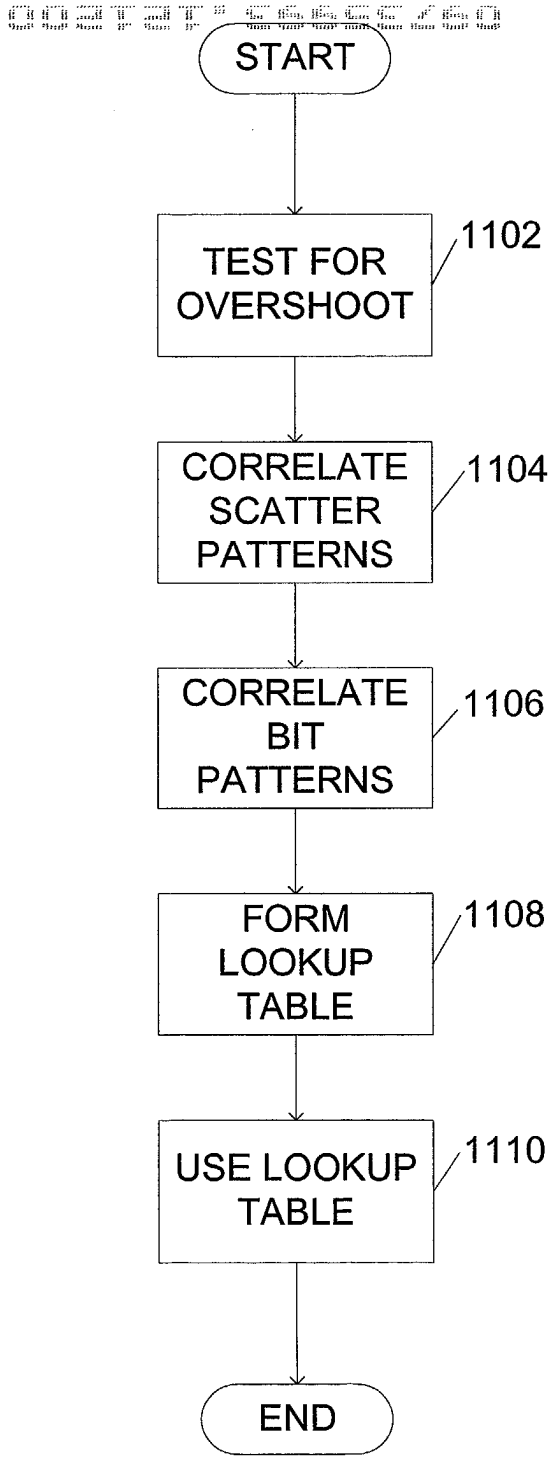
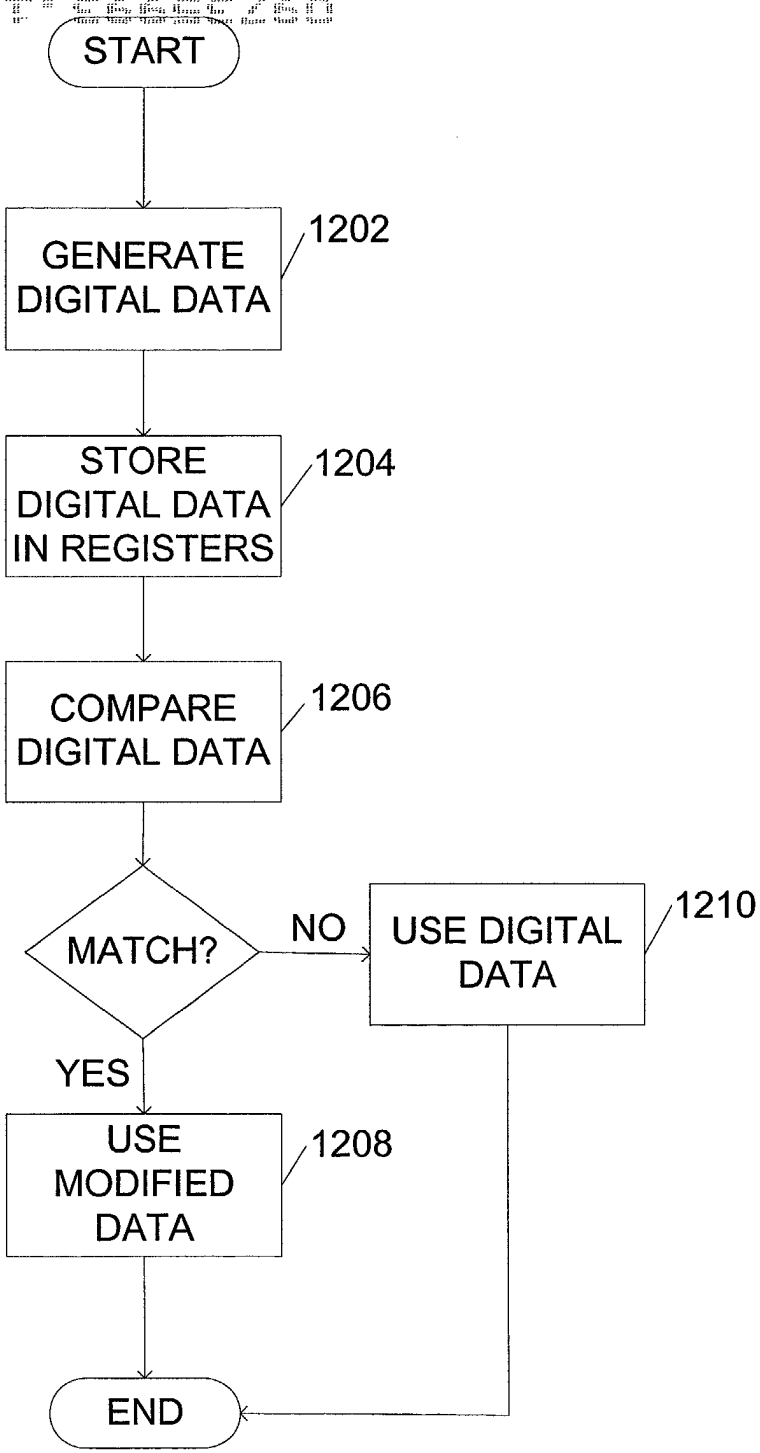

START
TEST FOR OVERSHOOT
1102
CORRELATE SCATTER PATTERNS
1104
CORRELATE BIT PATTERNS
1106
FORM LOOKUP TABLE
1108
USE LOOKUP TABLE
1110
END

FIG. 11

FIG. 12


START
GENERATE DIGITAL DATA
1202
STORE DIGITAL DATA IN REGISTERS
1204
COMPARE DIGITAL DATA
1206
MATCH?
NO
USE DIGITAL DATA
1210
YES
USE MODIFIED DATA
1208
END